



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/822,556	04/12/2004	Masashi Enomoto	S1459.70088US00

Randy J. Pritzker  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, MA 02210



CONFIRMATION NO. 2616

## FORMALITIES LETTER



\*OC000000013062989\*

Date Mailed: 06/24/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

09/28/2004 MBERHE 00000041 10822556

FILED UNDER 37 CFR 1.53(b)

01 FC:1004 ~~770.00 OP~~  
02 FC:1051 130.00 OP  
03 FC:1202 108.00 OP  
04 FC:1201 774.00 OP

Filing Date Granted

09/29/2004 MBERHE 00000003 10822556

770.00 OP

01 FC:1001

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawings must be reasonably free from erasures and must be free from alterations, overwriting, interlineations, folds, and copy marks. See Figure(s) 7 & 8.
  - The drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper, which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e)). See Figure(s) 7 & 8.

The applicant needs to satisfy supplemental fees problems indicated below.

Adjustment date: 09/29/2004 MBERHE  
09/28/2004 MBERHE 00000041 10822556

01 FC:1004 ~~770.00 OP~~

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$882** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$1782** for a Large Entity

- **\$770** Statutory basic filing fee.
- **\$130** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$882**
  - **\$774** for **9** independent claims over 3.
  - **\$108** for **6** total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

---

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



DOCKET NO.: S1459.70088US00

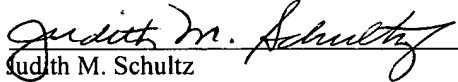
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Masashi Enomoto et al.  
Serial No.: 10/822,556  
Confirmation No. 2616  
Filed: April 12, 2004  
For: PHOTOELECTRIC CONVERSION DEVICE FABRICATION  
METHOD, PHOTOELECTRIC CONVERSION DEVICE, ...  
Examiner: Not yet known  
Art Unit: 1756

---

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 23<sup>rd</sup> day of September, 2004.

  
Judith M. Schultz

---

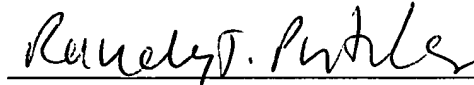
Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

LETTER

Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application mailed June 24, 2004, Applicants respectfully request reconsideration of the requirement for replacement drawings for FIGS. 7 and 8. FIGS. 7 and 8 are photocopies of photographs, are on paper which is flexible, strong, white, smooth, non-shiny and durable, and are electronically reproducible.

Respectfully submitted,  
*Masashi Enomoto et al., Applicants*

  
Randy J. Pritzker, Reg. No. 35,986  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, Massachusetts 02210-2206  
Telephone: (617) 646-8000

Docket No.: S1459.70088US00  
Date: September 23, 2004  
x09/24/2004x



DOCKET NO.: S1459.70088US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Masashi Enomoto et al.  
Serial No.: 10/822,556  
Confirmation No. 2616  
Filed: April 12, 2004  
For: PHOTOELECTRIC CONVERSION DEVICE FABRICATION METHOD,  
PHOTOELECTRIC CONVERSION DEVICE, ...  
Examiner: Not yet known  
Art Unit: 1756

---

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 23<sup>rd</sup> day of September, 2004.

  
Judith M. Schultz

---

**MAIL STOP MISSING PARTS**

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:


Transmitted herewith are the following documents:

- Part 2 – Notice to File Missing Parts
- Declaration (executed)
- Petition for 1 Month Extension of Time
- Letter
- Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 646-8000, Boston, Massachusetts.

A check in the amount of \$1,892.00 is enclosed to cover \$770 for the basic filing fee, \$130 for the late declaration surcharge, \$882 for the additional claim fees and \$110 for the petition for extension of time. If the fee is insufficient, the balance may be charged to Deposit Account 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,  
*Masashi Enomoto et al., Applicants*

By:   
Randy J. Pritzker, Reg. No.: 35,986  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, Massachusetts 02210-2206  
Telephone: (617) 646-8000

Docket No.: S1459.70088US00  
Date: September 23, 2004  
x09/24/04x

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**